URBAN DISTRICT OF CLECKHEATON

Annual Report

OF THE

MEDICAL OFFICER OF HEALTH

YEAR ENDED 31st DECEMBER, 1914.

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CERTIFYING FACTORY SURGEON.

MEDICAL OFFICER OF HEALTH.

STATISTICAL MEMORANDA, 1914.

Population 1914 (estimated)	13,100
Population 1911	12,867
Inhabited Houses at end of 1914 ...	3,350
Density of Population	7.37
Acreage	1755 acres.
Births No.	229
Birth Rate	17·48
Deaths No....	145
Death Rate	11·06
OTHER DEATH RATES:—	
Cancer	.99
Zymotic (seven principal diseases) ...	.45
Respiratory (excluding Phthisis) ...	1·52
Phthisis	·61
Infantile Mortality per 1,000 births ...	91·0
Total Rainfall	32·10 inches.

VITAL STATISTICS FOR ENGLAND AND WALES.

ITEM.	England and Wales.	Great Towns. 97,	Smaller Towns. 145.	England and Wales less the 242 towns.	Cleckheaton.
Birth Rate	23.8*	25·0	23·9	22·2	17·48
Death Rate	14·0	14·7	12·9	13·4	11·06
Zymotic Death Rate ..	1·20	1·5	1.2	0·80	·45
Infantile Mortality .. (per 1000 births)	105.0	114·0	104·0	93·0	91·0

* Lowest on record.

MEDICAL OFFICER'S ANNUAL REPORT.

31st Dec., 1914

HEALTH OFFICE,
TOWN HALL,
CLECKHEATON,
February, 1915

To the Chairman and Members of the
Urban District Council of Cleckheaton.

GENTLEMEN,

I have great pleasure in laying before you my Ninth Annual Report on the Health and Sanitary condition of the District for the year ending 31st December, 1914.

This in all probability will be my last report, as before another is due Cleckheaton will have lost its identity in the larger Spenborough, and different administration.

PHYSICAL FEATURES AND GENERAL CHARACTER OF THE DISTRICT.

The Urban District of Cleckheaton embraces an area of 1755 acres and is roughly triangular, the sides about two miles in length. The population of the Cleckheaton Ward is principally at the Southern angle. Scholes is at the West and Oakenshaw at the North, the intervening land being chiefly agricultural.

The surface is undulating, with a general fall to the S.E.

The greater part of the district has a natural drainage to the Spen Beck and the remainder to Blacup Beck.

The bed of the Spen is about 240 feet above sea level and the highest part of the District is near Westfield, where the elevation is 576 feet.

The industries carried on are of a very varied character, and this in a great measure contributes to its uniform prosperity. The chief of these is that of Worsted Spinning.

Card Clothing Manufacture is also a most important industry and had its origin here. Cable and fine Wire Drawing has in recent years developed into a very considerable department of trade.

Ironfounding and Machine Making is extensively carried on

Brace and Belt Manufacturing provides a good deal of employment.

Leather Currying, Chemical Manufacture, Motor Cycles and Art Printing Works are other trades that give employment.

Geologically the District is on the Coal Measures with Surface Clay and Shales.

The Coal Measures are hardly the best sites for building, as the clays are impervious and hold the water on the surface.

GENERALLY.—This report has been greatly delayed by the disorganization of work incidental to the times in which we are living. Taking the report as a whole you will find that it is generally of a satisfactory nature. In war times it has been found that outbreaks of fever are apt to occur, but so far nothing of the kind has taken place.

INFECTIOUS DISEASES.—The incidence of these diseases was small and up to the end of November was low. However, December altered the state of affairs, a third of the cases occurring in that month. Included in the number were an unusual number of cases of Erysipelas. During the year two residents were in contact with a fatal case of Smallpox in a neighbouring town. They were quarantined for the necessary

time and the house, &c., thoroughly disinfected, and fortunately no case occurred. Measles were prevalent in the Westgate district, and Westgate Infants' School had to be closed for some time.

During the summer most of the main roads were treated so as to prevent dust, and certainly a good measure of success attended the operation. The dust in the streets and roads is bad, but many yards that are only kept in repair with ashes add greatly to the difficulty of keeping a house clean. There are many yards that require attention and streets also. The work of converting privies into w.c's. goes on, but more rapid progress is very desirable. Difficulties are many, but the dangers are great in leaving them as they are. The drains have been well attended to and have been flushed when required. I have had no complaints of smells and I thlnk a good deal is due to the efficient work of the Webb lamps that have been erected at suitable points.

The Motor Buses are useful in one way, but an intolerable nuisance in another. It is impossible to walk the pavement in wet weather without being splashed with mud from head to foot when one of them passes. Some remedy can surely be found before another winter.

MILK.—I have again devoted a considerable amount of time to this commodity, having examined nearly 200 samples. On the whole I may say the quality is better, but still too many samples are decidedly poor. The Wakefield authorities also took some samples. One was adulterated and one had gross impurities.

The Notification of Births has been promptly carried out and the cases immediately attended to by the Nurse, whose care and attention I am sure has helped considerably in the reduction of the Infantile Death Rate. Appended will be found her report on her work in this direction.

During this year the notification of Ophthalmia Neonatorum has come into force, and four cases were reported.

PHTHISIS.—I have received notice of 13 cases compared with 12 the year before. Of other tuberculous diseases only 5 were notified. The incidence of this disease is decidedly less than in most of the districts round about. Four persons were admitted to Sanatoria during the year, and 9 persons were treated at the Dispensary, Dewsbury. Six contacts also submitted themselves for examination. A branch dispensary is to be opened in the Millbridge district, and that will be more convenient than having to go to Dewsbury. The County Council Sanatorium is soon to be opened, and that will give accommodation for isolation as well as treatment.

POPULATION.—The estimate at the middle of the year is 13100, and at the last census was 12,867. This population is distributed in the three Wards as follows :—

	1914.	1911.		
	Estimated.	Actual.	Males.	Females.
Cleckheaton	10700	10509	4849	5660
Scholes	1745	1721	866	855
Oakenshaw	655	637	307	330
	13100	12867	6022	6845

BIRTHS —The total number of births registered during the year was 229, a decrease of 36 on the preceding year. Of those infants 107 were males and 122 females. Still births numbered 9. The total birth rate was 17·48, a decrease of 2·99 on 1913. The rate for the whole of England and Wales was 23.8 per thousand, and the ratios for the past ten years are as follows :—

Year.	Number.	Rate per 1000.
1905	278	21.72
1906	260	20·20
1907	267	20·64
1908	259	19·92
1909	253	19·35
1910	254	19·33
1911	230	17·87
1912	230	17·82
1913	265	20·47
1914	229	17·48*

* Lowest record.

The numbers and rates for each Ward for the past seven years, are as follows:—

NUMBER AND RATE PER 1000.

	Cleckheaton.		Scholes.		Oakenshaw,	
1908.	216.	20·37.	34.	19·42.	9.	13·84.
1909.	198.	18·58.	43.	24·43.	12.	18.32.
1910.	207.	19·34.	35.	19·71.	12.	18·18.
1911.	179.	17·03.	40.	23·25.	11.	17·18.
1912.	199.	18·89.	19.	10·98.	12.	18·57.
1913.	209.	19·81.	42.	24·13.	14.	21·53.
1914.	187.	17·47.	31.	17·76.	11.	16·79.

ILLEGITIMACY.—The number of Illegitimate Births registered was 5, the same total as the previous year. This number is equal to a percentage of all births of 2·18.

QUARTERLY RETURNS OF BIRTHS.

	Males.	Females.	Totals.
First Quarter	35	38	73
Second ,,	24	25	49
Third ,,	26	25	51
Fourth ,,	22	34	56
TOTALS	107	122	229

DEATHS.—The total number of deaths registered in the district during the year was 136. Eight deaths of non-residents occurred. These have to be deducted. On the other hand I have notices of the deaths of 17 Cleckheaton residents who died out of the district, The corrected number therefore becomes 145, a decrease of 20 on last year. Of these deaths 75 were males and 70 females.

QUARTERLY RETURN OF DEATHS.

	Males.	Females.	Totals.
First Quarter ...	29 ...	14 ...	43
Second ,, ...	14 ...	21 ...	35
Third ,, ...	14 ...	19 ...	33
Fourth ,, ...	18 ...	16 ...	34
TOTALS ...	75	70	145

The total annual death rate is equal to 11·06, a decrease of 1.69 on the year before. The rate for England and Wales for the same period is 14·0.

COMPARATIVE TABLE FOR PAST TEN YEARS.

1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
14·53	15·07	11·13	13·61	11·70	12·48	13·9	12·55	12·75	11·06

Average for 10 years, 12·87.

The separate numbers and rates for each ward for the last five years are as follows:—

	1914.		1913.		1912.		1911.		1910.	
	No.	Rate per 1000	No.	Rate per 1000	No.	Rate per 1000	No.	Rate per 1000	No.	Rate per 1000
Cleckheaton..	118	11·02	132	12·51	137	13·01	140	13·32	145	13·55
Scholes ...	20	11·46	26	14·93	19	10·98	28	16·27	16	9·01
Oakenshaw...	7	10·68	7	10·76	6	9·30	11	17·81	3	4·54

INFANTILE MORTALITY.—The number of Infantile Deaths registered, *i.e.*, of children under one year of age, was 21, a decrease of 1. This equals a percentage of all deaths of 14·48, a percentage of all births of 9·17, a total annual death rate of 1·60. The Infantile Mortality is therefore 91, this being the rate per 1000 births, as compared with 83 for last year, and with 105 for England and Wales.

RATES FOR THE PAST TEN YEARS.

1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
136·5	130·7	89·8	115·0	102·7	133·8	121·7	117·3	83·0	91.0

On analysing the figures, we get the following results:—

	1914	1913	1912	1911	1910	1909	1908
Premature Birth & Deficient Vitality at Birth ...	8	8	15	7	9	9	6
Bronchitis	2	0	1	2	5	2	7
Diarrhœa	0	4	0	1	1	0	3
Meningitis	0	0	1	2	1	0	3
Convulsions	2	2	0	5	11	5	3
Tuberculosis	0	1	1	2	3	0	0
Whooping Cough ...	3	0	0	0	3	1	1
Measles...	0	0	1	1	0	0	0
Other Diseases	6	7	8	8	1	9	7
TOTAL ...	21	22	27	28	34	26	30

The Infantile Mortality Rate is fairly low, but slightly higher than last year. 21 Deaths out of 223 Births, equal to a mortality of 91 per 1000 births. The principal cause of death is premature birth, Whooping Cough accounts for 3 Deaths. The splendid work of the Visiting Nurse has certainly conduced to the results we have had.

Over one year and under five years of age the number of deaths was 6, a decrease of 6. This gives a percentage of all deaths of 4·13, a percentage of all births of 2·62 and a total annual death rate of ·44. The total number of deaths therefore of children under 5 years of age was 27, a decrease of 7 on the previous year. This number is equal to a percentage of all deaths of 18·61, to a percentage of all births of 11·79, and a total annual death rate of 2·06, as compared with 2·62 in 1913, 3·17 in 1912, 2·85 in 1911, 3·80 in 1910, 2·52 in 1909. 3·23 in 1908, 2·70 in 1907, 5.36 in 1906, and 3·97 in 1905.

TABULAR STATEMENT OF DEATHS AT ALL AGES FOR THE LAST 10 YEARS.

Age	0-1	1-2	2-5	5-15	15-25.	25-45	44-65	65 and upwards
1914 ...	21	3	3	5	6	16	39	52
1913 ...	22	5	7	9	7	18	48	49
1912 ...	27	6	5	3	12	13	43	53
1911 ...	28	0	9	9	8	65	0	60
1910 ...	34	0	16	5	2	61	0	46
1909 ...	26	0	7	3	4	62	0	51
1908 ...	30	0	12	10	11	59	0	55
1907 ...	24	0	11	5	5	38	0	61
1906 ...	34	0	36	19	10	49	0	56
1905 ...	38	0	12	8	14	59	0	57

SENILE MORTALITY.—The total number of deaths over 70 was 33, a decrease of 4. Of these, 18 were males and 15 females. The combined ages equal 2488 years, or an average of 75. The oldest inhabitants who died were 3 females, aged 81, and a male aged 82.

CAUSES OF DEATHS.

ZYMOTIC DISEASES.—From Zymotic Diseases 6 deaths occurred, a decrease of 2 from last year.

Disease.	1914. No. of Deaths.	1914. Per-centage of all Deaths.	1914. Death Rate for 1914.	1913. No. of Deaths.	1913. Per-centage of all Deaths.	1913. Death Rate for 1913	1912. No. of Deaths.	1912. Per-centage of all Deaths.	1912. Death Rate for 1912.
Small Pox ...	0	—	—	0	—	—	0	—	—
Measles ..	0	—	—	3	1·81	·23	2	1·23	.15
Scarlet Fever ...	0	—	—	0	—	—	0	—	—
Diphtheria ...	1	·68	·07	0	—	—	2	1·23	·15
Whooping Cough	3	2·06	·22	1	·60	.07	1	·61	·07
Enteric Fever ...	2	1·37	·15	0	—	—	0	—	—
Diarrhœa ...	0	—	—	4	2·42	·30	0	—	—
TOTALS ...	6	4·11	.44	8	4·84	.61	5	3·07	0.37

These 6 deaths are equal to a percentage of all deaths of 4.13, and to a total annual death rate of ·45. In 1913 the rate was .61. For the year 1914 the rate for England and Wales was 1.20.

MORTALITY FROM SOME OTHER DISEASES,

Disease.	1914. No. of Deaths	1914. Per cent. of all Deaths	1914. Death Rate for 1914.	1913. No. of Deaths	1913. Per cent. of all Deaths	1913. Death Rate for 1913.	1912. No. of Deaths	1912. Per cent. of all Deaths	1912. Death Rate for 1912:
Phthisis... ...	8	5·51	·61	4	2.42	·30	9	5.55	.69
Disease of Respiratory Organs	20	13·79	1·52	22	13·33	1·70	18	11.10	1·54
Heart Disease ...	18	12·41	1·37	23	13·93	1·77	20	12.34	1.54
Bright's Disease..	6	4.13	·45	5	3.03	·38	4	2.46	.30
Influenza ...	2	1.37	·15	—	—	—	1	.61	.07
Cancer	13	8.96	·99	11	6·66	·85	9	5.55	.69
TOTALS ...	67	46·17	5·09	65	39.39	5·02	61	37·61	4·83

PHTHISIS.—The number of Notifications was 13 and the Deaths 8, compared with 4 last year. Notifications of other forms of Tubercular Diseases were 5, compared with 16 last year. The Tuberculosis Dispensary is at Dewsbury, where Pulmonary Cases and Contacts may get advice and treatment. The hours of attendance are 2 p.m. to 6 p.m. on Mondays and Thursdays. Shortly the Branch Dispensary at Millbridge will be available for this district.

Our Death Rate is low, and by continued efforts in teaching the people the necessity of avoiding overcrowding and allowing as much sunshine and fresh air into bedrooms as possible—care in the disposal of tubercular sputum—refraining from indiscriminate spitting—it would be lower still.

Again during the summer season I made a larger series of observations between 10 and 12 a.m., and out of 1800 bedroom windows, I only found 105 open. In the early morning between 2 and 5 a.m, I made a further series of 400, and then found only 10 open. Fresh air is the only necessary of life for which no charge is made. We have to pay for food, water, etc., but fresh air may be had free—possibly that is why it is so little thought of.

CANCER has caused 13 deaths, compared with 11 last year, 6 of the 13 were above 65 years of age.

The number of Inquests held during the year was 9, as compared with 9 in 1913, 12 in 1912, 5 in 1911, 10 in 1910, 7 in 1909, 9 in 1908, 4 in 1907, 6 in 1906 and 8 in 1905. 2 were cases of suicide, 5 accidents, and 2 others natural causes.

MORTUARY.—The mortuary has not been used, compared with 3 times during 1913.

Disposal of the Dead.—38 Interments have taken place in the Cemetery in Whitechapel Road during the year. Total since the opening, 301.

SANITARY ADMINISTRATION.

Notification of Infectious Diseases.—The Notifications of Infectious Diseases received number 54, compared with 42 in 1913, 69 in 1912, 54 in 1911, 35 in 1910, 17 in 1909, 47 in 1908, 50 in 1907, 147 in 1906, 105 in 1905, 99 in 1904 and 125 in 1903. The diseases were—Scarlatina 26, Diphtheria 12, Enteric Fever 8, Erysipelas 8. Of these notifications 34 occurred in back-to-back houses, and 20 in through houses. There were also 13 notifications of Pulmonary-tuberculosis, compared with 12 in 1913, and also 5 other forms of Tubercular disease : 4, Ophthalmia Neonatorum.

Removal Percentage for Past Eight Years.

1907	1908	1909	1910	1911	1912	1913	1914
76·08%	81·08%	87·5%	81·81%	96·07%	98·38%	97·22%	95.65%

Hospital Accommodation.—The North Bierley Joint Hospital received all the cases and they received every attention there.

The Small Pox Hospital is kept ready for immediate use, but fortunately it has not been required. During the year it has been thoroughly overhauled.

SANITARY WORK.—Taken from form 572.

CLASS OF BUILDING.	NO.	SANITARY CONDITION.
Common Lodging House ...	0	
District Council's Slaughter-h'se	1	Good
Private Slaughter-houses ...	11	do.
Workshops	65	Clean and not overcowded
Workplaces	18	do. do.
Bakehouses	19	All in satisfactory condition
Fried Fish Shops...	13	do. do.
Cowsheds	30	Very moderate
Offensive Trades...	0	

INSPECTION WORK.

	1914	1913	1912	1911	1910	1909	1908
Houses Inspected ...		162	300	240	200	190	150
Factories	425	400	350	200	250	200	150
Privy Middens removed	72	26	52	48	13	41	12
Earth Closets erected...	0	0	0	4	0	3	0
Water Closets erected...	13	52	81	59	76	74	69
Waste Water Closets erected	0	0	4	0	0	0	6
Drains, &c., Flushed (using 91,700 gallons of water)	0	96	187	138	171	161	168
Air Shafts erected ...	0	4	21	15	14	10	10

DISTRIBUTION AND COMPARATIVE STATEMENT FOR THE PAST FOUR YEARS.

WARD.	Scarlatina.				Enteric Fever				Small Pox.				Erysipelas.				Diphtheria.			
	1914	1913	1912	1911	1914	1913	1912	1911	1914	1913	1912	1911	1914	1913	1912	1911	1914	1913	1912	1911
Cleckheaton	24	4	40	30	7	1	2	4	0	0	0	0	5	5	5	2	11	26	5	13
Scholes ...	2	0	15	4	2	1	0	0	0	0	0	0	3	0	1	1	0	0	1	0
Oakenshaw	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
TOTALS	26	5	55	34	9	2	2	4	0	0	0	0	8	5	6	3	11	29	6	13

TABLE OF CASES SENT TO HOSPITAL.

WARD.	Scarlatina.				Small Pox.				Enteric Fever.				Diphtheria.			
	1914	1913	1912	1911	1914	1913	1912	1911	1914	1913	1912	1911	1914	1913	1912	1911
Cleckheaton	23	4	29	29	0	0	0	0	7	1	2	3	11	26	5	13
Scholes	1	0	15	4	0	0	0	0	2	1	0	0	0	0	0	0
Oakenshaw	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
TOTAL ...	24	4	54	33	0	0	0	0	9	2	2	3	11	29	5	13

The 8 Erysipelas cases were not eligible for hospital treatment. Of the remaining 46 cases 44 or 95·65 per cent. were promptly removed to hospital. The only cases not removed were one of Scarlatina from Cleckheaton and one from Scholes.

I would recommend that after an air shaft has been in use for two years it should be opened and cleared out, as it is found that after that period they are apt to be at least partially blocked.

HOUSE ACCOMMODATION.—Seven new houses have been built and certified for occupation during the year. All are through houses, and are provided with W.C's.

BACTERIOLOGICAL ANALYSES.—During the year 71 specimens were forwarded to the West Riding Laboratory at Wakefield, viz. :—Blood for Enteric Fever 16 ; Throat Swabs for Diphtheria 32 ; Sputum Tuberculosis Bacillus 22 ; Urine 1.

SCAVENGING.—This work carried out by the Council's staff has been on the whole satisfactory,

It would be a much needed improvement if more of the larger privy middens could be emptied during the night or early in the morning when there are few people about.

SEWERAGE.—The new system of sewage disposal for Oakenshaw Ward is now completed and is working satisfactorily.

SMOKE NUISANCE.—No set observations on the smoke nuisance have been taken, but it is all too obvious, even to the casual observer, that far too much smoke is turned out.

Factory chimneys turn out much half-burned coke and grit, but the greater part of the tar in smoke comes from domestic fires. Recently a series of observations have been made in certain towns, and in five months the amount of solid matter deposited per square mile ranged from 440 tons to 20, and the tar, soot and ash from 294 to 5. These variations are striking, and indicate what great scope for improvement exists in the cleanliness of most town atmospheres.

Sir Oliver Lodge has stated that "the greater part of humanity in England lives under a thin pall of obscure material, through which a certain amount of light and heat can pass, but which effectually screens the health giving and disease destroying acting rays of the sun."

This screening of dust polluted air is far greater than is imagined, for direct experiments have proved that on a sunny day no less than 10% of the sunlight is cut off in the last 100ft. of the atmosphere.

Complaints have been received about fumes, &c., from Moorend Chemical Works, and I visited the works both during the night and day, and on none of the occasions was any nuisance found.

DESTRUCTION OF REFUSE.—The Refuse Destructor continues to do good work, and figures relating to it will be found in the Sanitaay Inspector's report.

OTHER STATISTICS.

HORSE AMBULANCE.—The Horse Ambulance has been used on 9 occasions for accidents and 20 times for the removal of invalids, a total of 29 times for the year. From the 3rd September, 1897, to date, it has been out on service 458 times, 150 for accidents and 308 for invalids.

VACCINATION.—By the courtesy of the Vaccination Officer, I have been enabled to tabulate the following figures—

	1914	1913	1912	1911	1910	1909	1908
Infants registered ...	229	265	230	230	254	253	259
,, Vaccinated at end of year ...	51	51	54	32	47	83	102
,, Deceased prior to possibility of Vaccination	16	9	27	16	14	12	16
Postponements, Removals and Unvaccinated	31	43	25	59	74	28	37
Certificates of Conscientious Objections...	131	162	124	123	119	130	104
TOTALS ...	229	265	230	230	254	253	259

RAINFALL FOR PAST FOUR YEARS. TEMPERATURE.

Month.	1914	1913	1912	1911	1914		1913		1912		1911	
	in.	in.	in.	in.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
January	1·91	3·32	3·87	1·20	49	22	50	24	49	19	48	27
February	2·22	1·28	2·31	2·39	52	32	48	26	53	16	52	22
March ...	3·42	4·07	3·52	1·18	56	30	52	26	55	31	53	31
April .	1·42	2·82	·81	1·16	64	32	59	31	64	30	59	27
May ...	1.13	2·65	3·22	1·16	66	32	72	37	66	41	73	33
June ...	3·28	1·57	5.30	2·70	69	41	76	45	70	45	75	40
July ...	2·23	·95	3·35	0·85	74	48	67	44	74	48	83	44
August ...	3·43	1·06	6·86	1·57	70	46	73	44	61	42	83	48
Sept. ...	1·75	1·77	1·91	2·89	69	36	69	42	62	38	73	43
October..	1·86	2·19	3·55	2·53	58	39	60	35	57	31	55	28
Nov. ...	3·72	2·99	2·20	3·36	53	29	52	32	53	24	52	30
Dec. ...	5·73	2·73	3·07	3·68	54	27	48	22	51	28	50	31
	32·10	27·40	39·97	24·67								

AVERAGE 5 YEARS, 31·31. 9 YEARS, 30·30.

FACTORY ACT ADMINISTRATION.—Appended are figures and details of the Administration of this Act.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES. and HOMEWORK.

1.—Inspection.

Including inspections made by Sanitary Inspector or Inspector of Nuisances.

Premises.	Number.		
	Inspections.	Written Notices.	Prosecutions.
Factories ... . (Including Factory Laundries)	300	Nil	Nil
Workshops ... ... (Including Workshop Laundries)	110	Nil	Nil
Workplaces ... ... (Other than Outworkers' premises included in Part 3 of this Report)	15	Nil	Nil
Total	425	Nil	Nil

2.—Defects Found.

Particulars.	No. of Defects.			No. of Prosecutions.
	Found.	Remedi'd	Referred to H.M. Inspector	
Nuisances under the Public Health Acts :—				
Want of cleanliness ...	12	12		
Want of ventilation ..	22	22		
Overcrowding				
Want of drainage of floors ...				
Other Nuisances				
Sanitary Accommodation—				
Insufficient				
Unsuitable or defective ..				
Not separate for sexes ...				
Offences under the Factory and Workshop Acts :—				
Illegal Occupation of underground bakehouse (s 101) ..				
Breach of Special sanitary requirements for bakehouses (ss. 97 to 100)				
Other Offences				
Total	34	34		

3.—Registered Workshops.

Workshops on the Register (s 131) at end of Year.	Number.
Workshops	68
Bakehouses	18
Workplaces	18
Total number of Workshops on Register ...	104

4.—OTHER MATTERS.

CLASS.	Number.
Matters notified to H.M. Inspector of Factories :	
Failure to affix abstract of the Factory and Workshop Act (S. 133, 1901)	Nil
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (S. 5, 1901):	
Notified by H.M. Inspector	2
Reports of action taken sent to H. M. Inspector	2
Other matters	Nil
Underground bakehouses (S. 101) in use at end of year	Nil

TABLE C, 1914. CLECKHEATON SANITARY DISTRICT.

WATER SUPPLY.—

Any developments during 1914 ? Renewing Pipes.

Any insufficiency, and where ? No.

Any curtailment ? No.

Did any wells fail and where ? No.

Any unsatisfactory quality. and where ? No.

Any unchecked plumbo-solvent action ? No.

DRAINAGE AND SEWERAGE.—

Any developments during 1914? Main Sewer for Westfield District.

Developments still needed as to—
(*a*) Want of Sewers? None.
(*b*) Improvement of defective sewers? King Street Sewer.

Any inadequacy of Sewage Disposal Works or complaints as to smells? No.

No. of sink-wastes disconnected during 1914. A few.

Proportion of sink-wastes still needing disconnection? Practically none.

CLOSET ACCOMMODATION.—

No. of Privies with open middens? 900.

No. of Privies with covered middens? 318.

No. of Pail or Tub Closets? 16.

No. of Water Closets? 1134.

Waste Water Closets? 359.

Are Proper doors and coverings generally provided? Yes.

No. of Privies re-constructed during 1914—
As w.c.'s? 72.

No. of additional Closets provided for old property in 1914—
W.C.'s? 13.

No. of Closets constructed in 1914 for new houses—
W.C..'s? 8.

SCAVENGING.

How is Refuse disposed of—

(*a*) Destructor? 3357 loads. (*b*) Tips? 148 loads.

(*c*) Farmers? 1297. Total Annual Cost? £709 11s. 6d.

Is there any inadequacy, and where? No.

Any change during 1914? No.

NUISANCE INSPECTIONS.

Statutory Notices served? 64 (5 of which were renewals)

Complied with? 64.

Total No. of Nuisances in hand at close of 1913? 10.
At close of 1914? 5.

Total No. of Summonses or other legal proceedings? None.

Regulated Buildings, Trades, &c.	No. in District.
Common Lodging Houses	None
Canal Boats	None
Knackers Yards	None
Offensive Trades	None

Have the Council declared any other processes to be offensive trades, e.g., Fish-frying, Maggot-breeding, etc. No.

SCHOOLS.

No. of Elementary Schools in District? 9.

No. of Visits to Schools? Many.

Action taken? Westgate Infants' closed for Measles.

MILK SUPPLY.—

No. of samples taken by Officers of S.A. for analysis under F. & D. Acts? None.

No. of samples taken by Officers of S.A. for bacteriological examination? None.

What arrangement for Veterinary Inspection of dairy cows? When required.

No. of animals notified by Police during 1914 under Tuberculosis Order, 1913? None.

Any action thereon by S.A., *e.g.*, to ascertain if cowsheds affected were satisfactory? No.

Any instance of disease attributed to milk in 1914? No.

No. of Cowkeepers in district? 29. No. registered? 29

No. of Milk Sellers who are also Cowkeepers? 23.

No. who are Purveyors only? 1. Total No. registered? 53.

Total No. of Cowsheds? 35.

No. of inspections in 1914? 120.

General condition? Moderate.

Approximate No. of Milch Cows in District? 200.

Any insufficiency in Milk Supply? No.

Legal proceeding under D.C.M. Orders? None.

Any Inspection or other action by Districts to which Milk is sent? No.

OTHER FOODS.

No. of samples (other than milk) taken by Officer of S.A. for examination under the Food and Drugs Act. None.

No. adulterated. None.

No. of seizures of unsound Food? None.

No. of Slaughter houses? 11. No. registered? 11.

Kind and Condition? 1 Public and 10 Private.

No. of Prosecutions—
(*a*) Food and Drugs? None. (*b*) Unsound Food? None. (*c*) *re* Slaughter Houses? None.

FACTORIES AND WORKSHOPS.

Any Smoke Nuisance, and where? Yes. General.

No. of smoke observations taken? None.

No. of Cautions? None. Legal Notices? None.

Summonses? None.

ADOPTIVE ACTS.

Acts adopted during 1914? None.

BYELAWS AND REGULATIONS.

Any adopted during 1914? No.

Are any other Byelaws needed? No.

INFECTIOUS AND OTHER DISEASES.

What Diseases have been specially prevalent in 1914? None.

What special action to combat same? None.

Is Hospital accommodation adequate and sufficient? Yes.

What arrangement for the supply of antitoxin? A supply kept at Town Hall.

Any diseases specially added to notifiable list? No.

Any influence threatening the health of the District? No.

SPECIAL REPORTS AND INVESTIGATIONS.—None.

TUBERCULOSIS.—

Inspection of patient's home and workshop? Yes.

Examination for Contacts? Yes.

Disinfection? Yes.

Distribution of advice leaflets? No.

Action *re* spitting? No.

Shelters provided? Yes.

Is sputum examined? Yes.

BACTERIOLOGY.—

Is County Laboratory utilized? Yes.

Any suggestions? No.

INFANT MORTALITY.—

What organised effort to control it? Nurse.

Any Baby Clinic, Baby's Welcome, or Mother's League? No

Causes of any excessive Infant Mortality in 1914? None.

VITAL STATISTICS.—

Births during 1914—Males, 107, Females, 122, Total, 229.

No. illegitimate included in above? 5.

No. of Still Births (not included)? 9.

Deaths during 1914—(1) Gross Deaths, *i.e.*, Total actually registered in the district without any correction? 136. (2) Nett Deaths on which the rates are calculated? Males, 75, Females, 70, Total, 145.

No. of uncertified deaths (included above)? None.

MISCELLANEOUS.—

Mean Temperature for 1914? 48 deg.

Rainfall? 32·10 in. (Average for 9 qrs., 30·30).

What Mortuary accommodation—
(*a*) for accidents? Council's Mortury.
(*b*) for infectious cases other than at Hospital? No.

No. on Burial Grounds? 6. Any need for extension? No.

Are there any ill-placed Fowl runs in District? No.

Any nuisance therefrom or action in relation thereto? No.

SANITARY STAFF.—

What is the present annual Salary of the M.O.H.? £60.

Name of Sanitary Inspector? Alfred Holdroyd.

Annual Salary as Inspector? £86.

Other appointments held? Market Inspector.

Salary for such other appointments ? £26.

Any Assistants ? Occasional.

Is Staff sufficient ? Yes.

HOUSING.—

Houses with defects not disposed of at end of 1913 :—

Houses not reasonably fit for human habitation. (Section 15) ? 64.

Houses inspected under the Act and Regulations in 1914, 162 (45 of which were re-inspections) ?

Houses found not reasonably fit for human habitation, 162 (including 45 re-inspections) ?

Houses for which notices were given to execute works, 162 (including 45 renewal notices) ?

Houses in respect of which notices were satisfactorily, complied with ? 85.

Houses in respect of which the Local Authority executed, or were executing works in default of landlord ? 40.

Houses with defects not disposed of at end of 1914 :—

Houses not reasonably fit for human habitation (Section 15) ? 96.

Other action with regard to housing :—

Any scarcity of houses, if so, where ? Yes, generally.

Any special activity in house building, and where ? No.

Number of new Houses built during 1914 (*a*) Working class dwellings ? 7(*b*) Other ? None.

Any Working class dwellings erected during 1914 by Sanitary Authority.—Please give number and type? No.

Are Sanitary Authority contemplating erection of Working class dwellings? Please give number and type. No.

TOWN PLANNING.—

Any scheme prepared during 1914? If so, give details. No.

Any scheme contemplated? If so, for what area? Yes: for the undeveloped part of Cleckheaton.

TABLE I.

Vital Statistics of whole District during 1914 and previous years.

Year.	Population estimated to Middle of each year.	Births.			Total Deaths Registered in the District.		Transferable. Deaths.		Nett deaths belonging to the District.			
		Un-corrected Number.	Nett.				of Non-residents registered in the District.	of Residents not registered in the District.	Under one year of Age.		At all Ages.	
			Number.	Rate.	Number.	Rate.			Number.	Rate per 1000 Nett Births.	Number.	Rate.
1		3	4	5	6	7	8	9	10	11	12	13
1909	13070	259		19·35	156	11·93			26	102·7	153	11.70
1910	13135	253		19·33	165	12·56			34	133·8	164	12·48
1911	12870	254		17·87	173	13·44	6	12	28	121·7	179	13·90
1912	12905	230		17·82	160	12·39	6	8	27	117·3	162	12·55
1913	12940	265		20·47	155	11·20	10	20	22	83·0	165	12·75
1914	13100	229		17·48	136	10·38	8	17	21	91·0	145	11·06

Total population at al ages, 12867 (1911 Census)

Area of District in acres (land and inland water), 1755.

31st Dec., 1914.

31st Dec., 1914.

TABLE II.

Cases of Infectious Diseases Notified during the Year 1914.

NOTIFIABLE DISEASE.	No. of Cases Notified.								Total Cases notified in each locality.			Total Cases removed to Hospital
	At all Ages.	At Ages—Years.										
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 & up	Cleckheaton	Scholes	Oakenshaw	
Small Pox												
Colera												
Plague												
Diphtheria (including Membranous croup) ..	11		1	10					10			11
Erysipelas ...	8				1	4	1	2	5	3		0
Scarlet Fever ...	26		6	14	6				24	2		24
Typhus Fever ...												
Enteric Fever ...	9			1	3	3	2		7	2		9
Relapsing Fever ...												
Continued Fever ...												
Puerperal Fever ...												
Cerebro-spinal Meningitis												
Poliomyelitis ...												
Ophthalmia Neonatorum	4	4							4			
Pulmonary Tuberculosis	13			2	4	4	3		7	3	3	
Other Forms of Tuberculosis	5			1	1	1	1		5			
TOTALS ...	76	4	8	28	15	12	7	2	63	10	3	44

Isolation Hospital :—North Bierley Joint Hospital, Cleckheaton.

TABLE III.

Causes of, and Ages at Death during 1914.

CAUSES OF DEATH.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.				
	All Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.
1	2	3	4	5	6
All causes—Certified	145	21	3	3	5
Uncertified	—	—	—	—	—
Enteric Fever	2				
Small Pox					
Measles					
Scarlet Fever					
Whooping Cough	3	3			
Diphtheria and Croup	1			1	
Influenza	2				
Erysipelas					
Phthisis (Pulmonary Tuberculosis)	8				
Tuberculosis Meningitis	1				
Other Tuberculosis Diseases ...	4				2
Cancer, malignant disease ...	13				
Rheumatic Fever					
Meningitis	3		1	1	1
Organic Heart Disease	18				1
Bronchitis	10	2			
Pneumonia (all forms)	10	3			
Other diseases of respiratory organs					
Diarrhœa and Enteritis					
Appendicitis and Typhlitis ...					
Cirrhosis of Liver	1				
Alcoholism					
Nephritis and Brights Disease ...	6				
Puerperal Fever...					
Other accidents and diseases of Pregnancy and Parturition ...					
Congenital Debility and Malformation, including Premature Birth	8	8			
Violent Deaths excluding Suicide ...	5			1	1
Suicide	2				
Other Defined Diseases	48	5	2		
Diseases ill-defined or unknown ...					
TOTALS	145	21	3	3	5

TABLE III.—*Continued.*

Causes of, and Ages at Death during 1914.

CAUSES OF DEATH.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.				Total Deaths whether "Residents" or "Non-Residents" in Institutions in the District.
	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.	
	7	8	9	10	11
All causes—Certified	6	16	39	52	9
Uncertified	—	—	—	—	—
Enteric Fever		2			4
Small Pox					
Measles					
Scarlet Fever					1
Whooping Cough					
Diphtheria and Croup					2
Influenza		2			1
Erysipelas					
Phthisis (Pulmonary Tuberculosis)	2	4	2		
Tuberculosis Meningitis			1		
Other Tuberculosis Diseases ...	1		1		1
Cancer, malignant disease ...			7	6	
Rheumatic Fever					
Meningitis					
Organic Heart Disease		3	7	7	
Bronchitis				8	
Pneumonia (all forms)		1	5	1	
Other diseases of respiratory organs					
Diarrhœa and Enteritis					
Appendicitis and Typhlitis ...					
Cirrhosis of Liver			1		
Alcoholism					
Nephritis and Brights Disease ...	1		3	2	
Puerperal Fever					
Other accidents and diseases of Pregnancy and Parturition ...					
Congenital Debility and Malformation, including Premature Birth					
Violent Deaths excluding Suicide...	1	1		1	
Suicide			1	1	
Other Defined Diseases	1	3	11	26	
Diseases ill-defined or unknown ...					
TOTALS	6	16	39	52	9

TABLE IV.

Infantile Mortality during the year 1914.

Nett Deaths from stated causes of various ages Under 1 Year of age.

CAUSES OF DEATH.	Under 1 week	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under 1 year.
All Causes—Certified ...	8	1	0	1	10	1	5	3	2	21
Uncertified ...	—	—	—	—	—	—	—	—	—	—
Small Pox										
Chicken Pox										
Measles										
Scarlet Fever										
Whooping Cough						1		1	1	3
Diphtheria and Croup ...										
Erysipelas										
Tuberculosis Menignitis ...										
Abdominal Tuberculosis ...										
Other Tuberculosis Diseases...										
Meningitis (*not Tuberculous*)										
Convulsions							1		1	2
Laryngitis										
Bronchitis				1	1		1			2
Pneumonia (all forms) ...							3	1		4
Diarrhœa										
Enteritis...										
Gastritis...										
Syphilis										
Rickets										
Suffocation, overlying ...										
Injury at birth										
Atelectasis										
Congenital Malformations ...										
Premature birth	8				8					8
Atrophy, Debility & Marasmus		1			1					1
Other Causes								1		1
TOTALS	8	1	0	1	10	1	5	3	2	21

Nett Births in the year. { Legitimate, 224. Illegitimate, 5.

Nett Deaths in the year of { Legitimate Infants, 21. Illegitimate Infants, 0

Table showing Population, Births, etc., in some of the West Riding towns from which Returns were received.

Town.	Population. 1914.	Births. No.	Births. Rate per 1000	Deaths. No.	Deaths. Rate per 1000	Zymotic Death Rate.	Phthisis Death Rate.	Respiratory Diseases Death Rate.	Infantile Death per 1000	No. of Notifications Received.
Batley... ...	36949	817	22·1	564	15·2	1·2	1·2	2·7	149	193. Tuberculosis 132.
Birstall ...	7250	140	19·31	96	13·24	·96	·41	3·03	113	48. P. 12; others 2.
Brighouse ...	21020	381	18·12	289	13·75	·57	1·61	2·42	76	249 and Tuberculosis 54.
Heckmondwike ...	9150	188	20·5	162	17·7	1·2	·8	2·0	127	32. Tuberculosis 28.
Horbury	7850	188	23·9	76	11·9	·25	·76	—	69·6	134 and (10 and 8).
Liversedge ...	14999	326	21·7	209	13·9	·40	·67	1·5	95	144.
Mirfield ...	11820	258	21·8	182	15.3	1·01	·76	2·53	93·0	39 and (14 and 10).
Pudsey ..	14070	264	18·7	221	15·7	·21	·49	2·1	98·4	24 and 14.
Gomersal ...	3835	77	20·05	50	13·29	·52	1·04	1·82	103	11 and (6 and 5).
CLECKHEATON ..	**13100**	**229**	**17·48**	**145**	**11·06**	**·45**	**·61**	**1·52**	**91**	**54 and 18 (13 and 5).**

JOHN A. SUTHERLAND, M.B., C.M.

MEDICAL OFFICER OF HEALTH.

Cleckheaton District Nursing Association.

REPORT of Infant Visiting under the Notification of Births Act, January 1st to December 31st, 1914.

Number of Infants visited	224
Total Number of visits	2178
Deaths under 1 year of age (known) ...	19
Left the District	17

The home visiting of babies has continued happily throughout the year. One mother resented the visits, but otherwise they have been much appreciated; and there is a growing desire of many mothers for further education and knowledge of infant hygiene and the care of the body in its earliest years.

It is a healthy sign that the number of breast fed babies is increasing; and amongst these are some beautiful specimens of happy, healthy infant life.

As time goes on I trust a much larger number of infants will be fed on their natural food; that mothers will have more confidence in their own powers in this respect and not neglect it for trivial reasons. A greater knowledge of its superiority to hand feeding in the rearing of healthy infants should encourage them.

Improperly cleansed feeding bottles, and milk left uncovered to attract dust and flies are frequent causes of feeble health and disease in hand-fed babies.

Many are fretful and cross, and sleep badly, as a result of improper food, and insufficient rest and quiet. Too much excitement, over-nursing and handling are not good for babies.

Light and fresh air should be more appreciated. A separate cot in the sleeping room, with free ventilation day and night would be beneficial.

The knitted vests and baby flannels made by the Whitcliffe Mount School Scholars and Old Girls, and sold to poor mothers have again been much appreciated; also the many aids given by the Cleckheaton Guild of Help.

E. A. SPENCER, A. R. San. I.

Queen's Nurse.

URBAN DISTRICT OF CLECKHEATON

Annual Report

OF THE

INSPECTOR OF NUISANCES.

YEAR ENDED 31st DECEMBER, 1914.

ALFRED HOLDROYD,

INSPECTOR OF NUISANCES.

HEALTH OFFICE,

TOWN HALL,

CLECKHEATON,

February, 1915

To the Chairman and Members of the General Purposes Committee.

GENTLEMEN,

I beg to submit to you my report for the year ending December 31st, 1914.

REMOVAL OF REFUSE.

During the year 4459 loads of refuse have been removed from ashpits, dustbins, etc., in the Cleckheaton and Scholes Wards, 3357 of which were carted to the Council's Destructor, 69 were taken to local farms, 124 loads were taken to the Council's Tip and 909 loads were taken to Mr. Riley's Garden in Whitehall Road.

From Oakenshaw Ward there were 319 loads removed, 295 loads of which were carted to Farms in the Ward and 24 loads were taken to Bierley Hill Tip.

The removal of trade refuse has been carried on as heretofore, nothing having happened out of the ordinary. I still think a revision of the charges for this work might very reasonably be made in the Council's favour.

With regard to domestic refuse, portable dustbins are emptied at periods varying from 10 to 14 days, while stationary bins are emptied monthly or thereabouts.

New Houses.

The number of new houses certified during the year as being fit for occupation was four. The sanitary accommodation provided for them are water closets and dustbins.

Slaughter Houses.

There are 11 Slaughter Houses in the Council's area,

Cleckheaton Ward	...	7
Scholes Ward ...	...	3
Oakenshaw Ward...	...	1

All of which are kept clean and well supplied with water.

The number of animals slaughtered during the year in the Council's Slaughter House is as follows:—

Beasts	...	...	367
Pigs	...	...	549
Calves	...	...	33
Sheep	...	...	856
			1805

The number of animals slaughtered in the Council's Slaughter House is greatly in excess of any previous year and is so far a record. This will probably continue, and it is necessary that some provision should be made for lairage purposes, so that a Butcher can keep a pig or sheep overnight.

There have been no seizures of meat in the Slaughter House this year.

Milk Supply.

The number of registered Cowkeepers in the district is 29.

Cleckheaton Ward	...	8
Scholes Ward ...	...	13
Oakenshaw Ward...	...	8
		29

In addition there are 23 Milksellers who bring milk into the Council's area from other areas.

Factory Acts.

In the Council's area there are 227 places which come under the Factory and Workshops' Act. All these premises are in reasonable condition and good order.

General Sanitary Work.

During the year 80 water closets have been provided, 8 being on new property, 18 additions to existing conveniences, and 54 in substitution for other kinds of conveniencies. There have also been 13 portable dustbins and 28 stationary dustbins provided, also 7 pail closets.

51 privy middens, 23 covered ashpits and two open ashpits have been removed or reconstructed, also 3 waste water closets removed.

Infectious Diseases.

During the year 95 rooms have been fumigated consequent on Infectious Disease using 151 candles.

All the Schools in the Council's area have been fumigated in doing which 445 candles have been used.

We have been called upon to release by flushing and other means, Manholes, W.C.'s, Drains and Sewers on 139 occasions using 108,500 gallons of water, 50,000 of which have been charged to owners.

Hackney Carriages.

There are 5 Hackney Carriages licensed to ply for hire also 4 Taxi Cabs, concerning which no complaints have been made during the year.

Fried Fish Shops.

The Fried Fish and Potatoe Shops are as last year, viz:—13, all of which are in good order, good fat being used in the frying. A complaint was received with reference to the Fish Shop at 109, Westgate, the owner of which is under notice to concrete cellar floor and provide a sufficient drain.

House to House Inspection, Nuisances, &c.

Statutory notices served during the year.

					Properties affected.
Under Section 91 Public Health Act, 1875				19	29
Do.	36	do.	do.	41	172
Do.	22	do.	do. 1890	1	1
Do.	25	do.	do. 1907	3	25
				64	227
Less renewal of previous Notices				5	
				59	
Add Notices uncomplied with brought forward				10	
				69	

Complied with during the year ...	64
Uncomplied with to carry forward ...	5
Section 91.2. Section 36.3.	
Under Dairies, Cowsheds and Milkshops Order	1
Uncomplied with brought forward from last report	2
	3
Complied with	2
Uncomplied with to carry forward ...	1
Under Section 15 of the Housing, Town Planning &c. Act, 1909	162
Less renewals of previous Notices ...	45
	117
Add Notices partly complied with brought from previous year	29
Add Notices uncomplied with brought from previous year	35
	181
Complied with during the year ...	85
Partly complied with 19, and uncomplied with 77	96

(Houses inspected during the year under the Housing Act,, excluding re-inspections, 117).

INSPECTOR OF NUISANCES ANNUAL REPORT.

31st Dec., 1914.

The number of complaints received and dealt with are as follows :—

Brought forward from last year	...	2
Received during 1914 ...	...	78
		80
Not proved	...	7
		73
Remedied	...	68
Not remedied and carried forward	...	5

Yours faithfully,

ALFRED HOLDROYD.

Inspector of Nuisances.